

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	217	464/167	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 07:27
S2	1632	"464" and plung\$3 and torque	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 11:53
S3	950	S2 and ball	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 11:53
S4	776	S3 and spring	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 11:54
S5	125	longitudinal and plunging and unit and axial and cage	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 14:14
S6	15	"3940488"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 11:32
S7	8	"2532661"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 11:33

S8	18	"4103514"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 11:33
S9	0	"FR1373752"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 11:40
S10	1642	"464" and plung\$3 and torque	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 11:41
S11	956	S10 and ball	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 11:41
S12	781	S11 and springs	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 11:41
S13	38	"4705491"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 12:17
S14	15	"6343993"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 12:18
S15	4	"6902487"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 12:19

S16	0	"de.1800996"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 12:20
S17	11	"1800996"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 12:20
S18	1	"19609423"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 12:20
S19	218	464/167	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 13:19
S20	17	("2833598"   "2981571"   "3186779"   "3253868"   "3279218"   "3927919"   "4103514"   "4262974"). PN. OR ("4720197"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/27 14:20
S21	19	("2371330"   "2772547"   "3118291"   "3808839").PN. OR ("4103514").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/27 14:21
S22	13	("2381770"   "2936646"   "2992548"   "4685344"   "4699522"   "4773114"   "4981459"   "5156462"   "6089303"   "6439072").PN. OR ("7018299").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/27 14:23
S23	7	("2936646").URPN.	USPAT	OR	ON	2008/05/27 14:25
S24	10	("2076180"   "4343200").PN. OR ("4685344").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/27 14:26

S25	0	"de.19609423"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 08:15
S26	1	"19609423"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 08:20
S27	38	"4705491"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 08:21
S28	15	"6343993"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 08:22
S29	11	"1800996"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 08:24
S30	40	("3183684"   "3797276"   "4254639"   "4311027"   "4509386"). PN. OR ("4705491"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/02 09:08
S31	18	("20010006564"   "3318170"   "4482338"   "4898566"   "6038941").PN. OR ("6343993").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/02 09:16
S32	11	("3318170").URPN.	USPAT	OR	ON	2008/06/02 09:23
S33	6	"5697245"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 10:24

S34	4	"6902487"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 10:47
S35	10	("2562729"   "4705491"   "5026325"   "5236264"   "6217456"   "6234908"   "6254487"   "6306045"   "6343993").PN. OR ("6902487").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/02 10:48
S36	13	"1373752"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 10:50
S37	15	"3940488"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 10:51
S38	595	384/49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 10:55
S39	17	("2833598"   "2981571"   "3186779"   "3253868"   "3279218"   "3927919"   "4103514"   "4262974"). PN. OR ("4720197"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/02 10:58
S40	14	("2562729"   "3186189"   "4103514"   "5489253"   "5611733"   "6306045").PN. OR ("6585602").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/02 11:31
S41	16	"2833598"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 11:41

S42	5	"2981571"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 11:43
S43	66	"3186779" "3253868" "3279218" "3927919" "4103514" "4262974"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 11:44
S44	58	384/30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 11:48
S45	1745	384/51 384/54 384/23 384/526 267/166 267/169 267/170 464/178	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 11:51
S46	71979	joint and balls and springs	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 13:38
S47	15052	joint and balls and springs and torque	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 13:38
S48	1546	joint and balls and springs and torque and cage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 13:38
S49	880	joint and balls and springs and torque and cage and stop	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 13:39

S50	29	heiko adj kossak arnee adj berger olaf adj wolf stephan adj maucher thomas adj weckerling martin adj garzorz christian adj kramer	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 15:42
S51	15052	joint and balls and springs and torque	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 16:53
S52	148	S51 and axially adj adjustable	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 16:53
S53	24	"904315"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 17:29
S54	57	"270675"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 17:30
S55	0	"de.270675"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 17:31
S56	29	"270675"	DERWENT	OR	ON	2008/06/02 17:33
S57	0	("0270675").PN.	DERWENT	OR	OFF	2008/06/02 17:34
S58	0	("0904315").PN.	DERWENT	OR	OFF	2008/06/02 17:34
S59	17	("2833598"   "2981571"   "3186779"   "3253868"   "3279218"   "3927919"   "4103514"   "4262974"). PN. OR ("4720197"). URPN.	US_PGPUB; USPAT; USOCR	OR	ON	2008/06/02 17:38

S60	599	(384/49).COLS.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/02 17:40
S61	0	("I17andballs").PN.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/02 17:41
S62	429	S60 and balls	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 17:42
S63	94	S60 and balls and springs	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 17:42
S64	10	"4685344"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/03 11:24
S65	10	("2076180"   "4343200").PN. OR ("4685344").URPN.	US_PGPUB; USPAT; USOCR	OR	ON	2008/06/03 11:25
S76	77720	"74"/\$	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/03 13:27
S77	30264	S76 and springs and balls and ball cage and torque	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/03 13:27
S78	7042	S77 and stop and ring	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/03 13:28

S79	3652	S78 and longitudinal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/03 13:28
S80	1177	S79 and transfer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/03 13:31
S81	0	S77 and helicel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/03 14:45
S82	4032	S77 and helical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/03 14:45
S83	355	"464" and offset with balls	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/03 18:21
S84	19	"464" and offset with ball adj grooves	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/03 18:52
S85	71	"464" and offset with ball with grooves	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 06:41
S86	60	"464" and offset with ball with grooves and shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 06:46

S87	1	"464" and (circumferentially near 5 offset) with (ball adj grooves) and shaft	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 06:59
S88	3	(circumferentially near 5 offset) with (ball adj grooves) and shaft	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 07:00
S89	0	(circumferentially near 5 offset) with (ball adj grooves) and shaft	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 07:00
S90	50	"464" and offset with ball with grooves and shaft and joint	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 07:01
S91	8	("3436132"   "3994539"   "4311348").PN. OR ("4480879").URPN.	US_PGPUB; USPAT; USOCR	OR	ON	2008/06/04 07:10

6/5/2008 2:42:18 PM

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